

IN THE CLAIMS:

Please cancel claims 23 and 24 without prejudice.

Please amend the following claims:

1. (Amended) A longitudinally flexible stent for implanting in a body lumen, comprising:

5 a plurality of cylindrical elements which are independently expandable in the radial direction and which are interconnected so as to be generally aligned on a common longitudinal axis;

10 a plurality of connecting elements for interconnecting said cylindrical elements, said connecting elements configured to interconnect only said cylindrical elements that are adjacent to each other; and

15 an outer wall surface on said cylindrical elements, said outer wall surface being smooth prior to expansion of said stent and forming [having] a plurality of outwardly projecting edges which form as said stent is expanded radially outwardly from a first diameter to a second, enlarged diameter.

3. (Amended) The stent of claim 1, wherein said plurality of outwardly projecting edges extend radially outwardly [a distance] from said outer wall surface and [sufficient enough to] embed in the vascular wall of the body lumen in order to more firmly attach said stent to the vascular wall.